

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Previously Presented) An apparatus comprising:
 - a storage device configured to store control logic;
 - a processor configured to execute the control logic to perform a method comprising:
 - (a) receiving an identification of at least two clusters of discrete segments of data within a packet; and
 - (b) processing the identification to select at least two fixed length filters from a plurality of fixed length filters to filter the at least two clusters, wherein each of the selected at least two fixed length filters has an offset value corresponding to a beginning of one of the at least two clusters.
2. (Previously Presented) The apparatus of claim 1, wherein the plurality of fixed length filters have a common length.
3. (Previously Presented) The apparatus of claim 2, wherein each of the plurality of fixed length filters is 2 bytes.
4. (Previously Presented) The apparatus of claim 1, wherein the plurality of fixed length filters is configured so that each of the plurality of fixed length filters has an offset value corresponding to one of the discrete segments of the packet.
5. (Previously Presented) The apparatus of claim 4, wherein at least one of the plurality of fixed length filters has the offset value of 0.
6. (Previously Presented) The apparatus of claim 1, wherein a first one of the at least two clusters of data is formatted in accordance with a first protocol and a second one of the at least two clusters of data is formatted in accordance with a second protocol different than the first protocol.

7. (Previously Presented) The apparatus of claim 1, further including a filter processor comprising the plurality of fixed length filters.

8. (Previously Presented) The apparatus of claim 7, wherein the filter processor is configured to execute control logic to perform:

receiving the at least two clusters of the discrete segments of data; and

filtering the at least two clusters of the discrete segments of data with the selected at least two of a plurality of fixed length filters.

9. (Previously Presented) The apparatus of claim 1, wherein (a) comprises:

receiving an identification of a protocol of the data and a value.

10. (Previously Presented) The apparatus of claim 9, wherein the protocol comprises DVB-T and the value comprises an IP address.

11. (Previously Presented) The apparatus of claim 9, wherein the processor is configured to execute further control logic to perform:

mapping the identification of the protocol of the data and the value to the at least two clusters of the discrete segments of data.

12. (Previously Presented) A method comprising:

(a) receiving an identification of at least two clusters of discrete segments of data within a packet; and

(b) processing the identification to select at least two of a plurality of fixed length filters to filter the at least two clusters.

13. (Previously Presented) The method of claim 12, further comprising:

(c) generating a filter mask that identifies segments of the selected at least two of a plurality of fixed length filters.

14. (Previously Presented) The method of claim 13, further comprising:

(d) providing filter values.

15. (Previously Presented) The method of claim 13, further comprising:

(d) generating at least one rule for combining data filtered by the at least two of a plurality of fixed length filters.

16. (Previously Presented) The method of claim 12, further comprising:

(c) selecting offset values for the at least two of the plurality of fixed length filters.

17. (Original) The method of claim 12, wherein a first one of the at least two clusters of data is formatted in accordance with a first protocol and a second one of the at least two clusters of data is formatted in accordance with a second protocol different than the first protocol.

18. (Previously Presented) A computer-readable medium containing computer-executable instructions, that when executed by a processor, cause the processor to perform a method comprising:

(a) receiving an identification of at least two clusters of discrete segments of data within a packet; and

(b) processing the identification to select at least two of a plurality of fixed length filters to filter the at least two clusters.

19. (Previously Presented) The computer-readable medium of claim 18, further including computer-executable instructions configured to cause the processor to perform:

(c) generating a filter mask that identifies segments of the selected at least two of a plurality of fixed length filters.

20. (Previously Presented) The computer-readable medium of claim 19, further including computer-executable instructions configured to cause the processor to perform:

(d) providing filter values.

21. (Previously Presented) The computer-readable of claim 19, further including computer-executable instructions configured to cause the processor to perform :

(d) generating at least one rule for combining data filtered by the at least two of a plurality of fixed length filters.

22. (Previously Presented) The computer-readable of claim 18, further including computer-executable instructions configured to cause the processor to perform:

(c) selecting offset values for the selected at least two of the plurality of fixed length filters.

23. (Previously Presented) A method comprising:

(a) receiving identification of a first cluster of discrete data in a first segment of a packet and a second cluster of discrete data in a second segment of the packet;

(b) processing the identification of the first cluster of discrete data to select a first fixed length filter having an offset value corresponding to the first cluster from a plurality of fixed length filters to filter the first cluster of discrete data;

(c) processing the identification of the second cluster of discrete data to select a second fixed length filter having an offset value corresponding to the second cluster from the plurality of fixed length filters to filter the second cluster of discrete data; and

(d) providing a cluster map including the first and second fixed length filters.

24. (Previously Presented) The method of claim 23, wherein the cluster map includes the offset value of the first and second fixed length filters.

25. (Previously Presented) The method of claim 23, wherein none of the plurality of fixed length filters overlap.

26. (Previously Presented) The method of claim 23, wherein all the plurality of fixed length filters overlap.